

ABSTRACT

A connector is provided for use with a socket such as used in a motor vehicle for supplying electrical power to an appliance. The connector has an inner end for placement in the socket and an outer end remote from the socket. An expander which has a passageway extending through it with a thread in the passageway. A collet is mounted on the expander. The collet has a cylindrical exterior and has an opening extending through it. The opening is cylindrical but the opening toward the inner end is substantially smaller than the opening toward the outer end and with the opening between the inner end and the outer end being tapered. The expander is adapted to slide within the collet and the collet has a plurality of slots extending from the outer end part way toward the inner end. A flange is mounted at the inner end of the connector in contact with the collet. A shaft is mounted in the passageway of the expander and has threads engaging the threads in the passageway. A channel is located through the shaft.